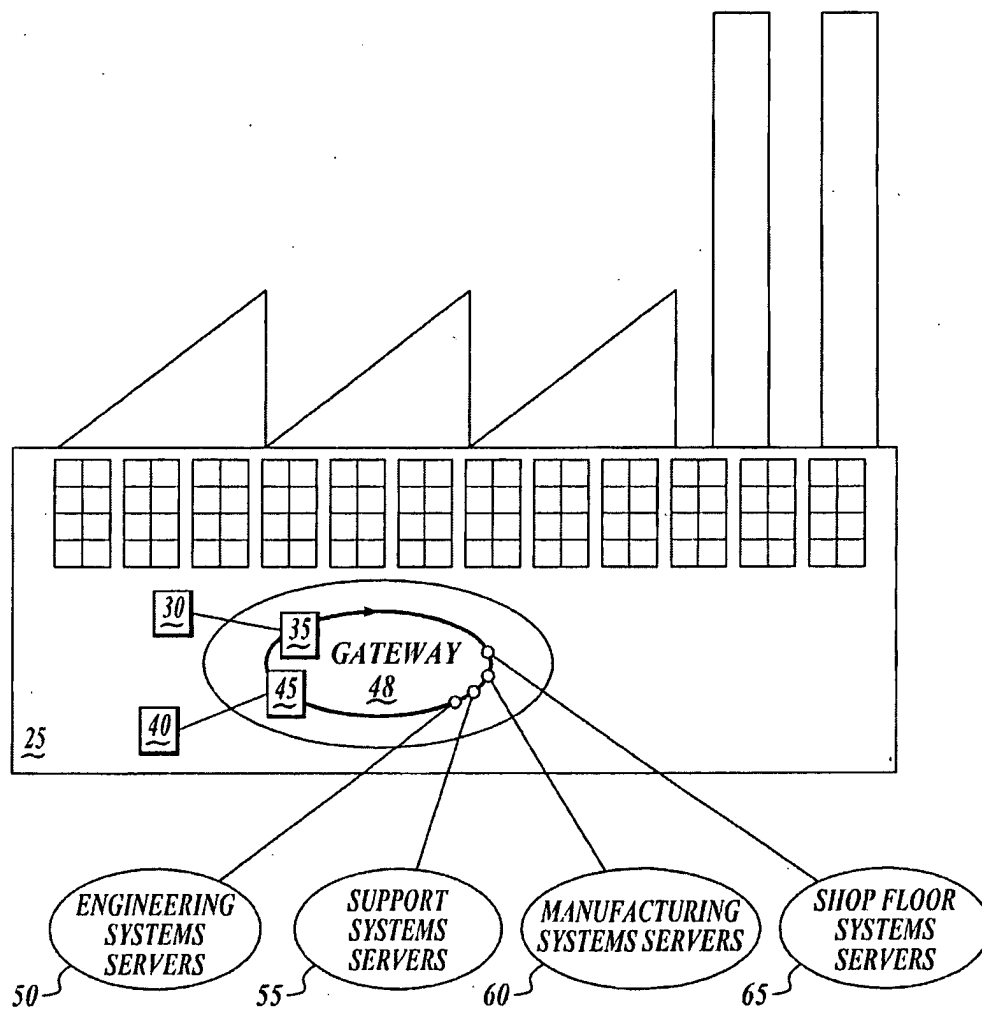
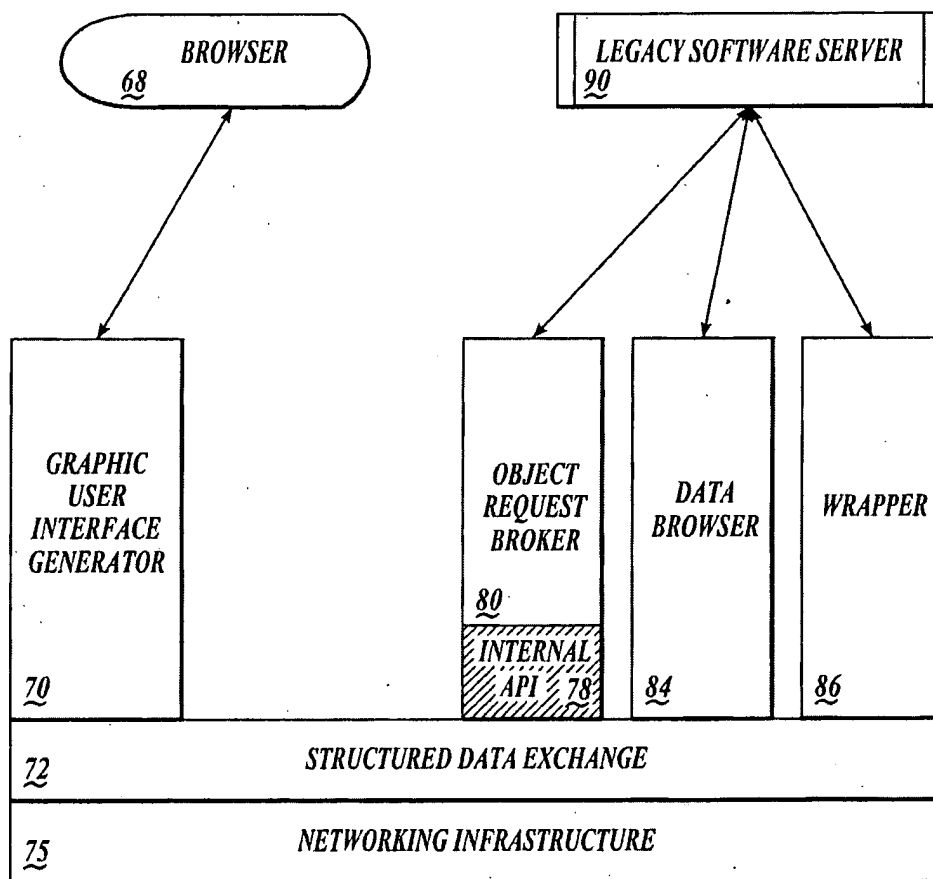


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*Fig. 1.*

2/22

*Fig. 2.*

**Fig. 3.**

Select a Role - Microsoft Internet Explorer provided by Boeing Wichita Central LAN

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Print Edit

Address  links

# e-Manufacturing Portal Demonstration

## By BCA WD MR&D Advanced Manufacturing Systems

Select a Role

Page	Name	User ID
NC MACHINE SHOP		
Operator	John Smith	bjs2774
Operator (two a coworker)	John Smith	bjs2774
Lead (variable Queue demo in this role only)	Barry White	bbw1397
Supervisor		
ASSEMBLY		
Mechanite	Wes Paterson	bwn7734
Lead	Doug Cross	bdc1396
Supervisor		
QUALITY & PROCESS IMPROVEMENT		
Assembly Inspector	Kathy Brown	kbb4871
Bench Inspector		
NC Inspector	Julie Blake	bjb4332
Non-Destructive Inspect (NDI) Inspector		
Supplier Inspector		

105

4/22

Fig. 4.

120 122 124 126 128 131 134 137 144 155 157

Select a Role - Microsoft Internet Explorer provided by Boeing Wichita Central LAN

File Edit View Favorites Tools Help

Address  Go Links

Back Forward Stop Refresh Home Search Favorites Print Edit

John Smith (NC Mach Oper)

Company Information My Personal Portal My Work Page Logout

**My Benefits** Edit

My Info  
Service Awards  
Share Value Trust  
Total Compensation  
VIP/FSP

Boeing (BA) \$68.11 -0.24  
as of: 11:04 AM EDT May 21

Dow  
11,301.74 \$3.16

**My Bookmarks** Edit

Magazine Summary  
Telephone Conferencing  
Quote Server Web Site  
Welcome to Boeing Australia  
Wichita Web Council  
Boeing Acronyms  
PDP Introduction Page  
Internal Job Postings  
Travel Accounting - Home Page  
P+ Home Page  
Wichita Help Desk  
Welcome to DCAC/MRM  
Wichita Newmeeting Home Page  
ITN Global Manager  
homeuse  
Employee Purchase Plan

**Inbox - Microsoft Exchange** File Edit View Tools Compose Help

From	Subject	Received
EXI-Herzog, Patricia A	Read: Giles Conference	06/07/2001 6:45 AM
EXI-Herzog, Patricia A	Boeing News Now for Thursday, 5-7-01	06/07/2001 2:01 AM
EXI-Herzog, Patricia A	Read: Giles Conference	06/06/2001 11:00 AM
Pritz, Kelly	FW: Computer Hardware Request	06/06/2001 2:50 PM
Wood, Jim P.	B2F-Special	06/06/2001 1:08 PM
Adams, Peter	B2F Meeting - June 7, 2001	06/06/2001 12:29 PM
Mullen, Patricia M.	B2F JavaScript Training	06/06/2001 10:01 AM

Smith, John - Microsoft Schedule+ File Edit View Tools Help

May 2001

Day	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	12 AM
Tue 22																	

Section 9, 037  
Manufacturing Team meeting

**My Front Page Headlines** May 22 3:10PM CT

Top Stories from Reuters

- Israel's Sharon Calls for Cease-Fire with Palestinians
- Bills Would Ban Hand-Held Phones While Driving
- Ford CEO Spells Out Tin Regal Costs in Washington

**Yahoo! News Full Coverage**

palestinians reject Sharon call for cease-fire  
Iraq Reluctant to Sign Sanctions Plan  
Afghanistan's Taliban to Require Hindus to Wear Identity Labels

Kansas

May 22 1:30pm CT

Done

Weather  
Wichita, KS 141° 45° 72F  
click image for video forecast  
45° 72F  
search by Zip Code or City

Portfolios Funds

Portfolio	Funds
FDEGX	30.26
FDEGX	49.88
FDEGX	31.02
FDEGX	17.52
FDEGX	17.32
FDEGX	24.95
FDEGX	14.05
FDEGX	90.01
FDEGX	0.70
FDEGX	73.03
FDEGX	48.83
FDEGX	26.13
FDEGX	60.13
FDEGX	78.69

Get Quotes

Quotes are delayed 23 minutes  
Get Real-Time Quotes  
news in the last 2 hours

Scoreboard TODAY

154 MLB  
Oakland vs. 0 8:05  
Kansas City 0 ET

Local Intranet

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Fig. 5.

120 122 124 155 118

MyWorkPageNCVchOpQ...htm - Microsoft Internet Explorer provided by Boeing Wichita Central LAN

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Print Edit

Address  file:///N:/eManufacturing-RpPattern/e-MfgDemoConfigCrt-McCowpin/Disk\_2/PTDemo8-31-01/MyWorkPage/MyWorkPageNCVchOpQ...htm# links

**BOEING** Company Information My Personal Portal My Work Page Log Off John Smith (NC Mach Oper)

**My Tool Box**

- Communications
- Reference
- Support
- Resources

**Define**

- Planning
- Engineering
- Tool Design

**Produce**

- CAS
- MCDRS
  - Laser Diagonal Calibration
  - Ballbar Circularity
  - Ballbar Machine Comparison
  - Ballbar Trend Line
  - Quality Plan
- NC Data
  - NC Document
  - Cutter Request
  - MCD Download
  - NC Reference
  - QA Reports
  - Sensor
  - UDCS/URSMD
  - WMS
    - Input
    - View Report

**Queue & Status**

Part#	Description	Due	ECD	Est Hrs	Op Cd	Mach #	Status	Held For
141T5611-1	Floor Beam	6/12/01	6/11/01	2.5	WJP	102	New	
141U1711-4	Frame	6/15/01	6/15/01	4.5	WJP	102	Assigned	
141T234S-1	Floor Stringer	6/19/01		9.0	WJP	102	Held	Material

Enter a part number here if it is not listed above. Click the column headers to sort by that column.

**Planning**

- 3D Model Viewer
- NC Document Viewer
- WMS

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Personalize This Page: Add Content to My Front Page!

+add left side content + Add +add right side content + Add Layout Content +add right side content + Add Local intranet

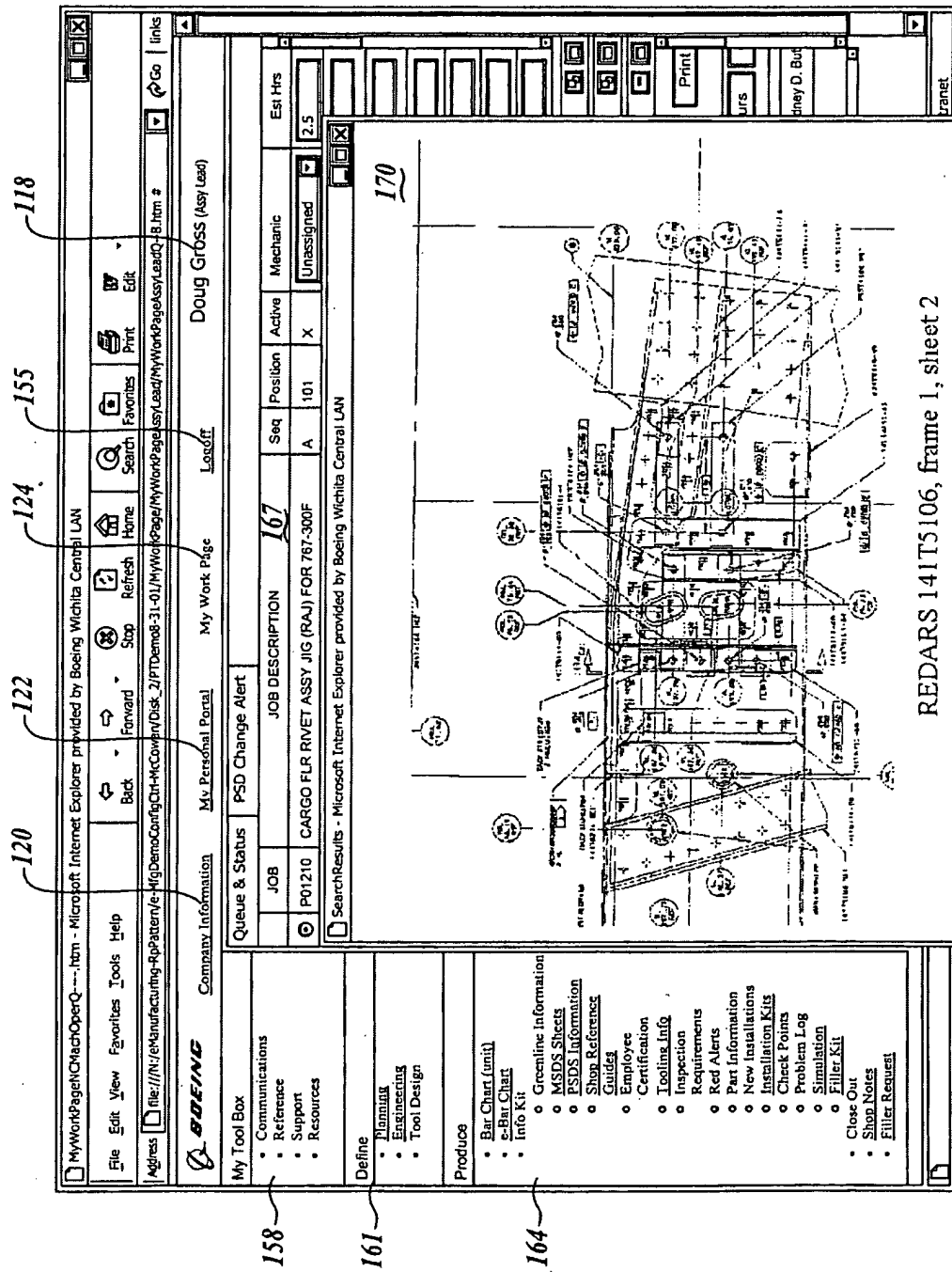
158 161 164

**Fig. 6.**

164-

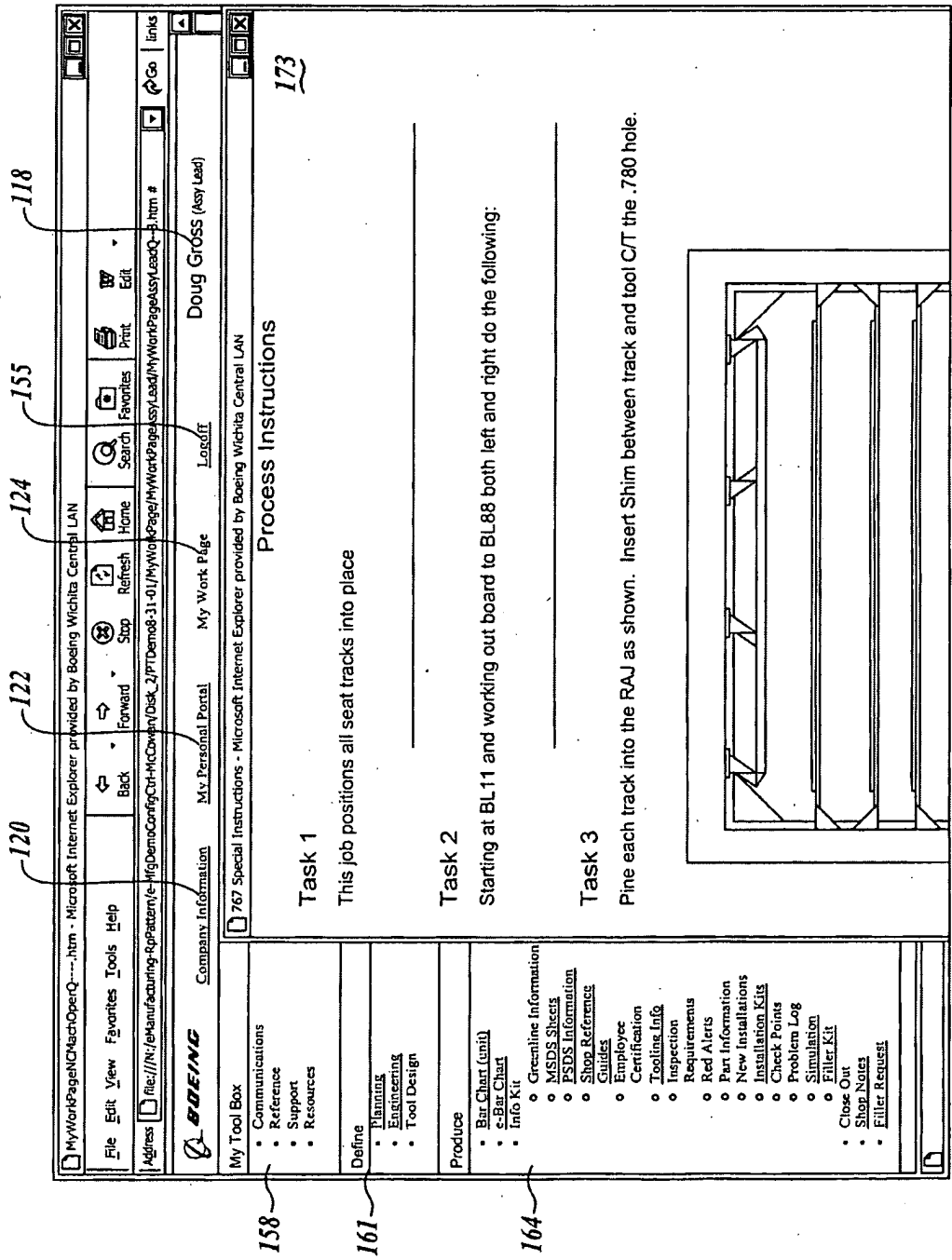
7/22

Fig. 7.



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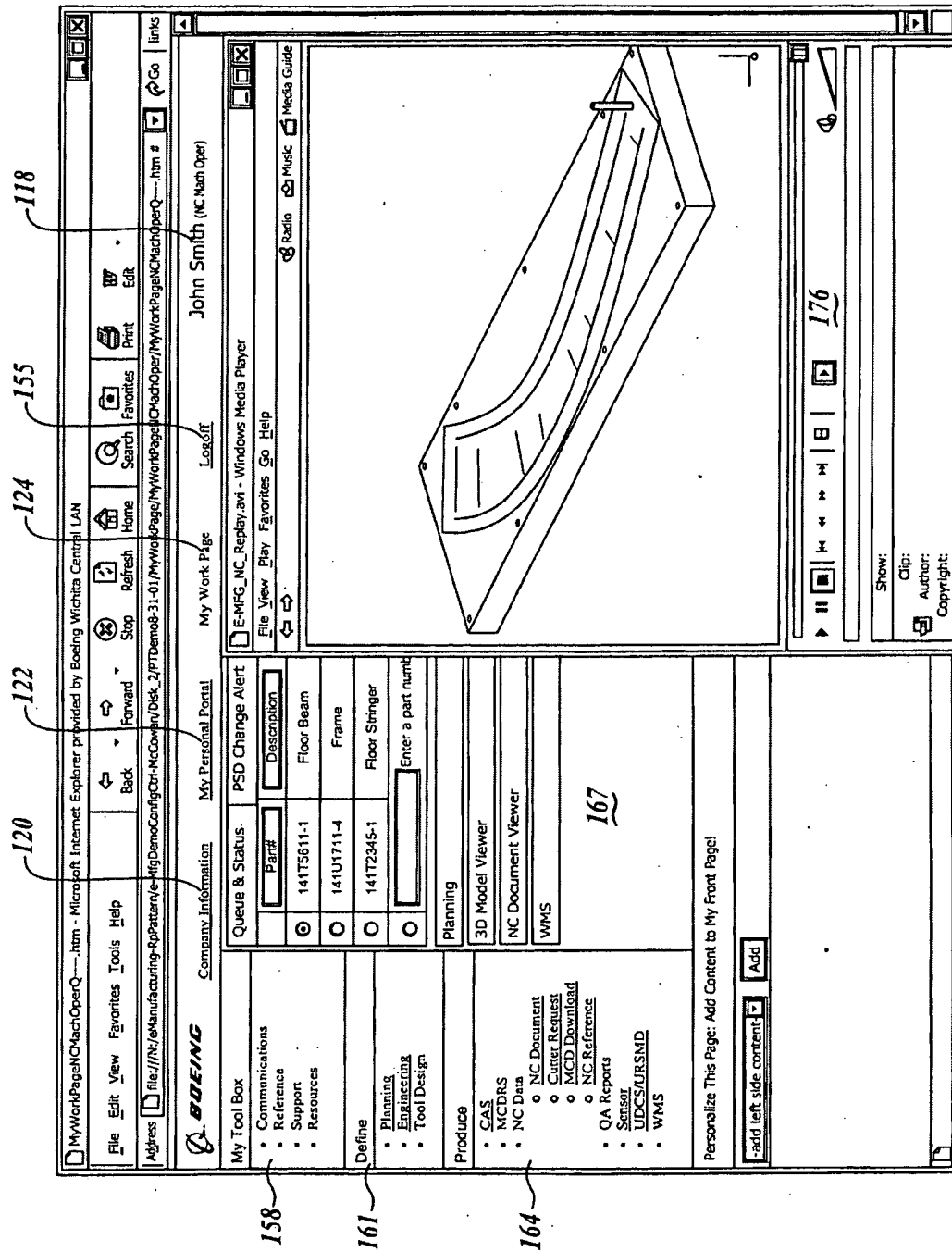
Fig. 8.





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Fig. 9.



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Fig. 10.

120 122 124 155 118

MyWorkPage\CMachOpqrQ...htm - Microsoft Internet Explorer provided by Boeing Wichita Central LAN

File Edit View Favorites Tools Help

Address file:///N:/eManufacturing-Replicative-415DemoConfig\CH-McCowan\Disk\_2\PTDemos8-31-01\MyWorkPage\QPINCrspQ...htm# Links

Back Forward Stop Refresh Home Search Favorites Print Edit

Boeing Company Information My Personal Portal My Work Page Logoff Julie Blake (QA NC Inspector)

My Tool Box

- Communications
- Reference
- Support
- Resources

Define

- Planning
- Engineering
- Tool Design

Produce

- QA NC Data
- WMS
- QA Report
- CMGD
- NCM
- Surface Map
- QA Metrics

Queue & Status

Part#	Description	Due Date	ECD	Est Hours	Op Code	Status	Held For
141T5611-1	FLOOR BEAM	3/15/01	5/16/01	2.5	WYD	NEW	
141T2675-11	FRA						
141T2679-3	ANC						
141T1778-1	TRA						
141U3433-20	FIT						
141W7732-12	BUL						
141T6532-2	SHE						
141T6259-1	SUR						

Part NAME - Microsoft Internet Explorer provided by Boeing Wichita Ce...

PART NAME : 141T5611-1  
REV NUMBER : B SHT33  
SER NUMBER : B 8/12/00  
STATS COUNT : 0

TRSP. DATE : 9/8/00  
PROD. DATE : 9/8/00  
JOB# : 67310  
LOAD# : 002  
SPINDLE# : 2  
SER# : A  
TEMP : 68.7

COMMENT1 :  
COMMENT2 :  
COMMENT3 :

DIM D56= TRUE POSITION OF CIRCLE B1  
AX NOMINAL +TOL -TOL BOUNDS MEAS DEV KEVANG OUTTOL  
X -67.4932 -67.4875 0.0057  
DF 0.1406 0.0030 0.0000 0.0004 0.1410 0.0004 0.0000  
TP RFS-HMC 0.0150 0.0004 0.0114 0.000 0.0090

DIM D56= TRUE POSITION OF CIRCLE B1  
AX NOMINAL +TOL -TOL BOUNDS MEAS DEV KEVANG OUTTOL  
X -67.4932 -67.4875 0.0057  
DF 0.1406 0.0030 0.0000 0.0004 0.1410 0.0004 0.0000  
TP RFS-HMC 0.0150 0.0004 0.0114 0.000 0.0090

DIM D57= TRUE POSITION OF CIRCLE B2  
AX NOMINAL +TOL -TOL BOUNDS MEAS DEV KEVANG OUTTOL  
X 63.4535 63.4545 0.0010  
DF 0.1406 0.0030 0.0000 0.0022 0.1428 0.0022 0.0000  
TP RFS-HMC 0.0150 0.0022 0.0019 0.000 0.0000

DIM D57= TRUE POSITION OF CIRCLE B2  
AX NOMINAL +TOL -TOL BOUNDS MEAS DEV KEVANG OUTTOL  
X 63.4535 63.4545 0.0010  
DF 0.1406 0.0030 0.0000 0.0022 0.1428 0.0022 0.0000  
TP RFS-HMC 0.0150 0.0022 0.0019 0.000 0.0000

DIM D58= TRUE POSITION OF CIRCLE B2  
AX NOMINAL +TOL -TOL BOUNDS MEAS DEV KEVANG OUTTOL  
X 63.4535 63.4545 0.0010  
DF 0.1406 0.0030 0.0000 0.0022 0.1428 0.0022 0.0000  
TP RFS-HMC 0.0150 0.0022 0.0019 0.000 0.0000

DIM D58= TRUE POSITION OF CIRCLE B2  
AX NOMINAL +TOL -TOL BOUNDS MEAS DEV KEVANG OUTTOL  
X 63.4535 63.4545 0.0010  
DF 0.1406 0.0030 0.0000 0.0022 0.1428 0.0022 0.0000  
TP RFS-HMC 0.0150 0.0022 0.0019 0.000 0.0000

Personalize This Page: Add Content to My Front Page

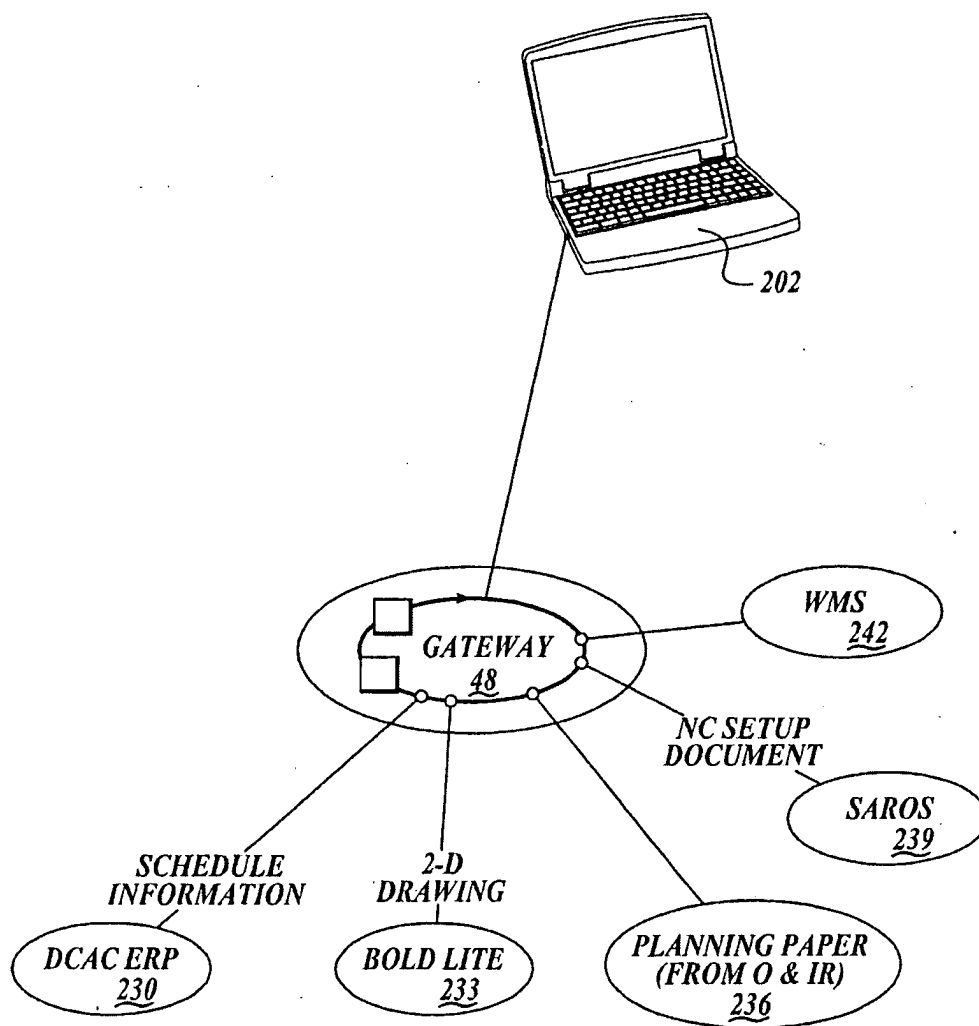
+add left side contents + Add

167

Local intranet

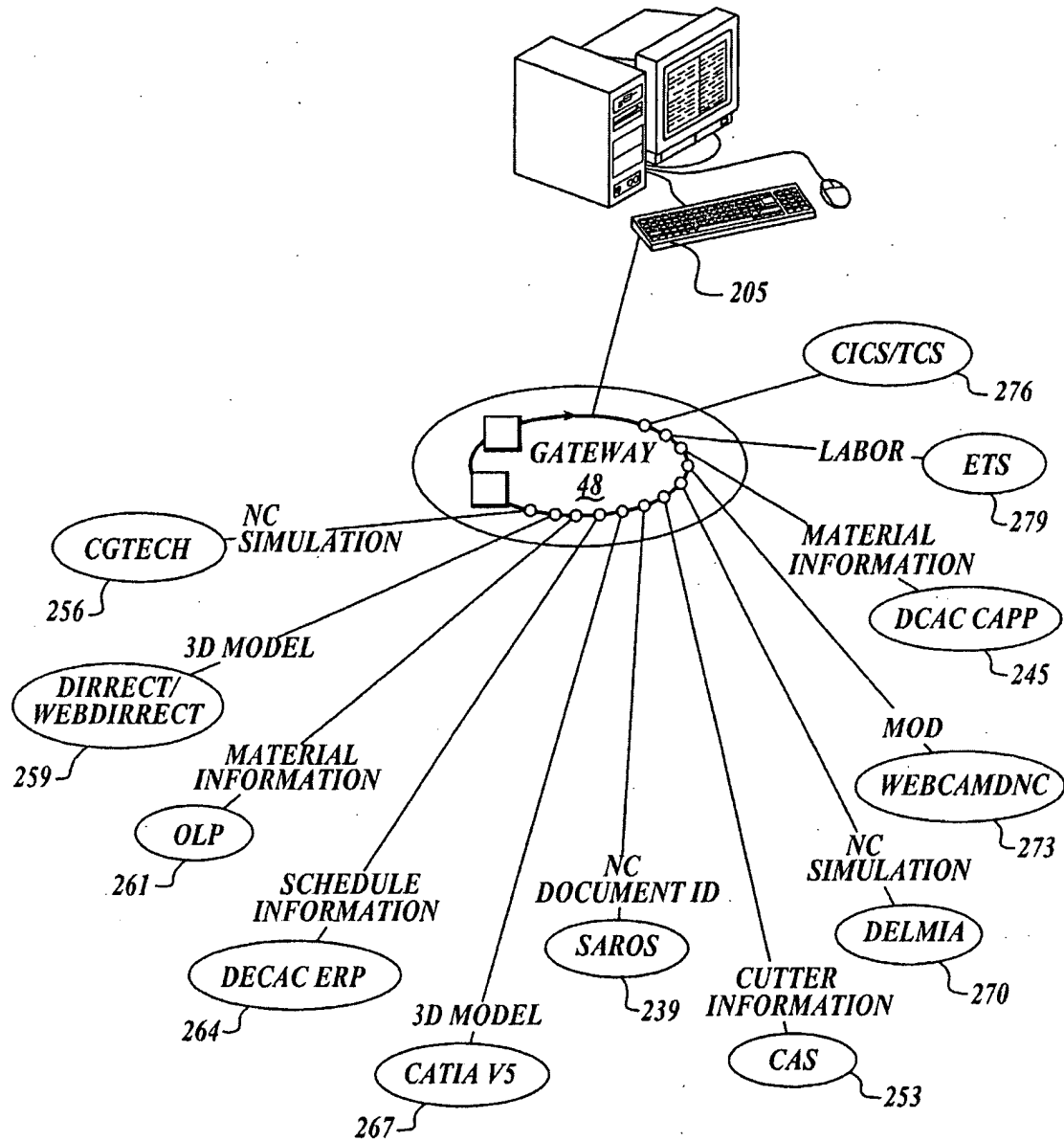
158 161 164

11/22

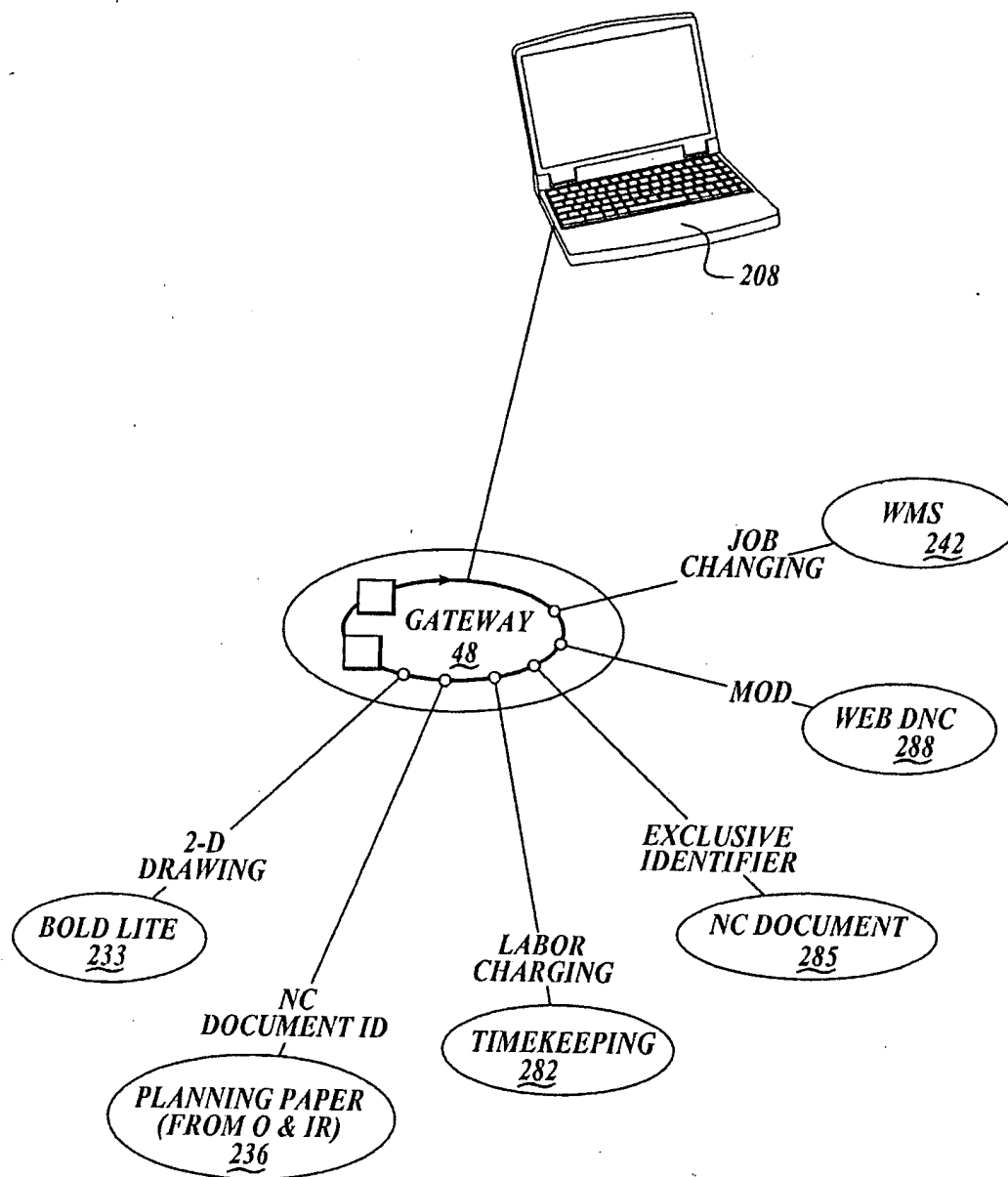


*Fig. 11.*

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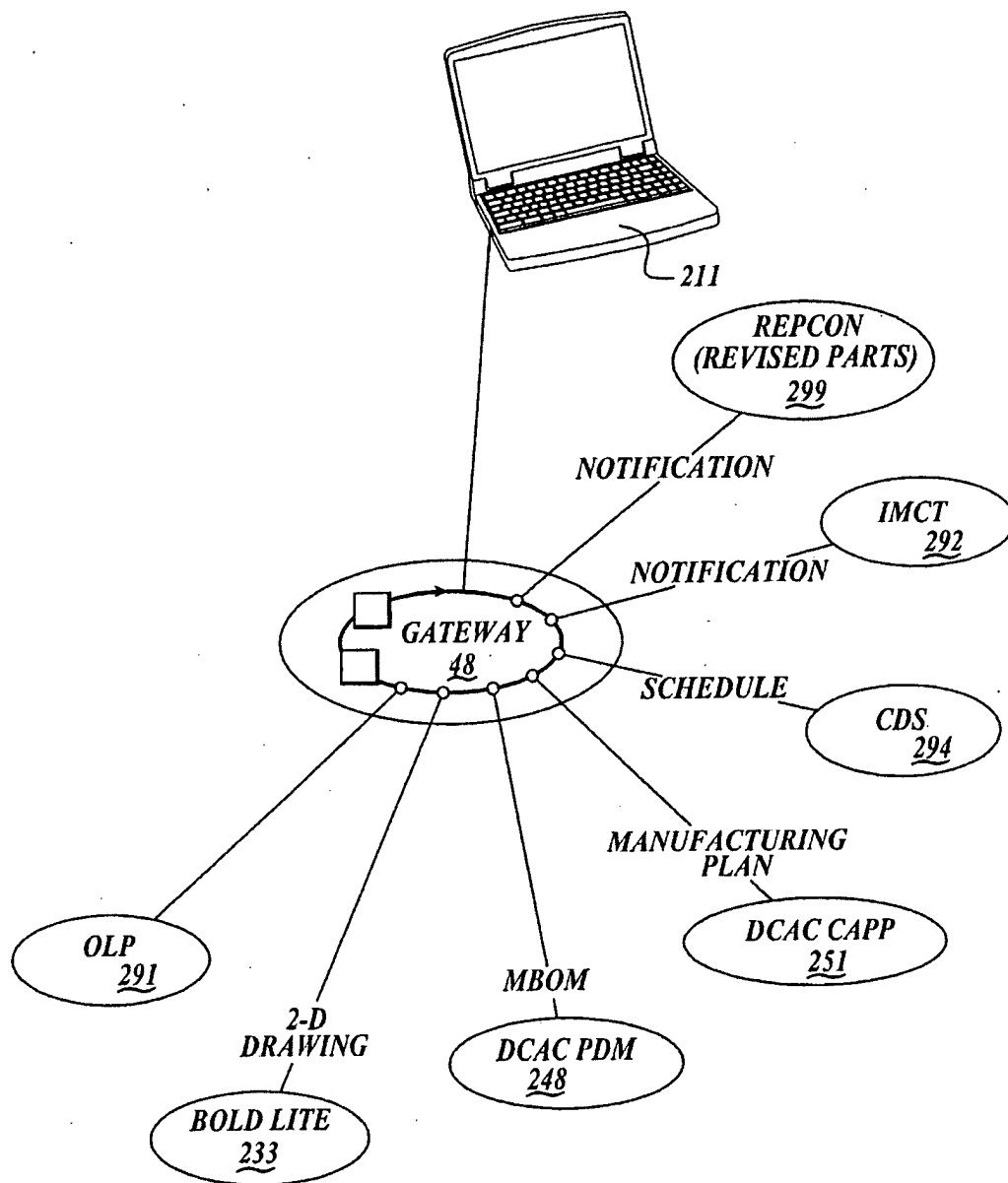
*Fig. 12.*

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*Fig. 13.*

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*Fig. 14.*

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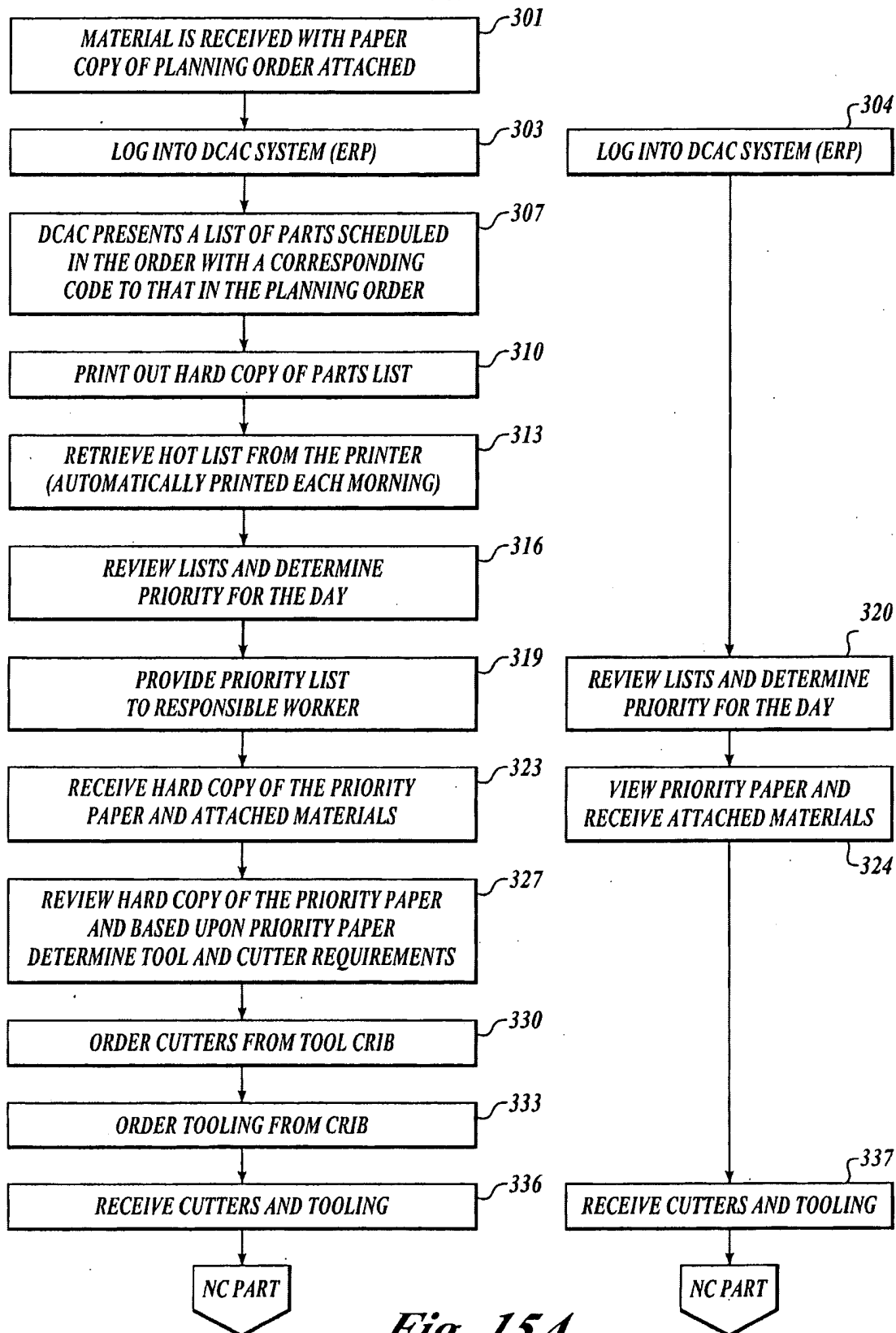
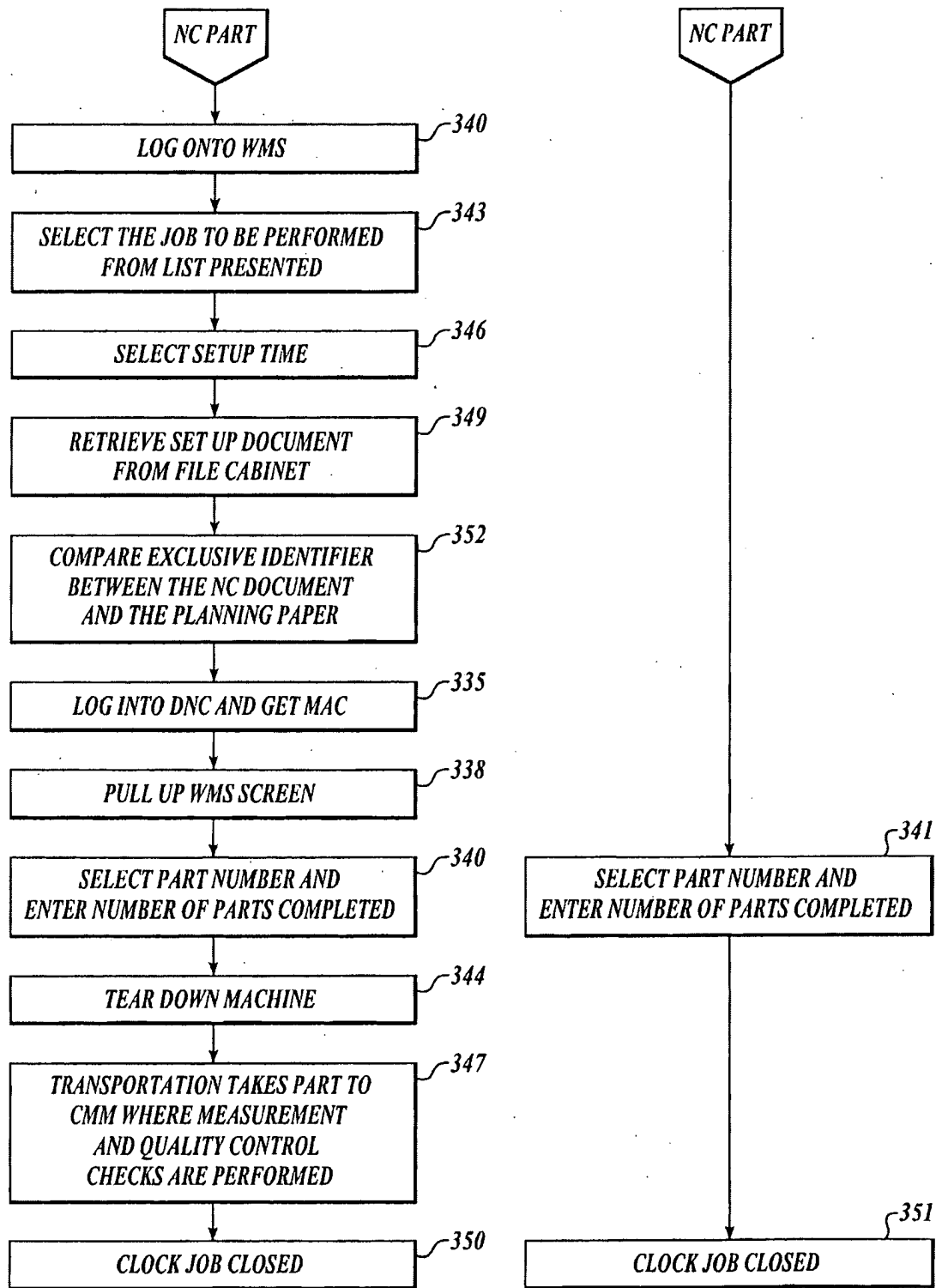


Fig. 15A.

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*Fig. 15B.*



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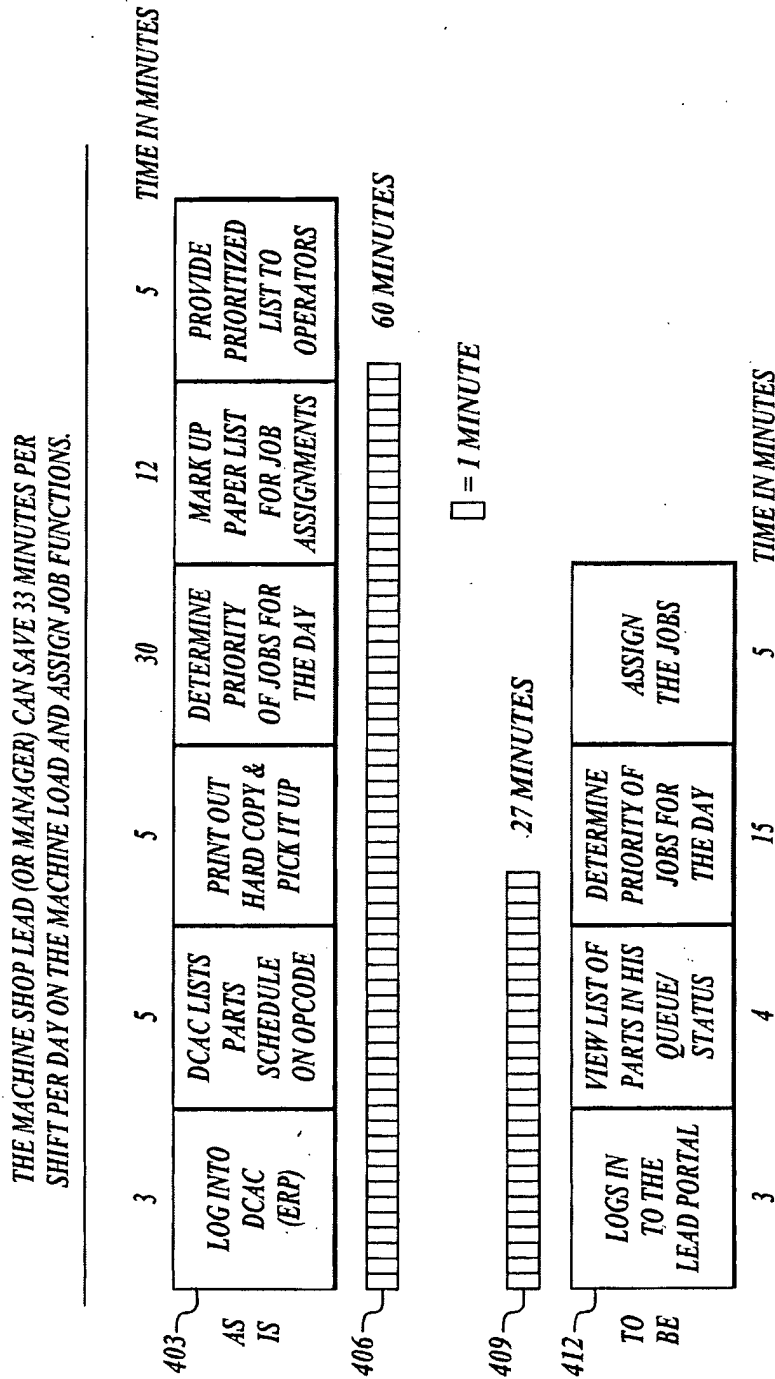


Fig. 16.

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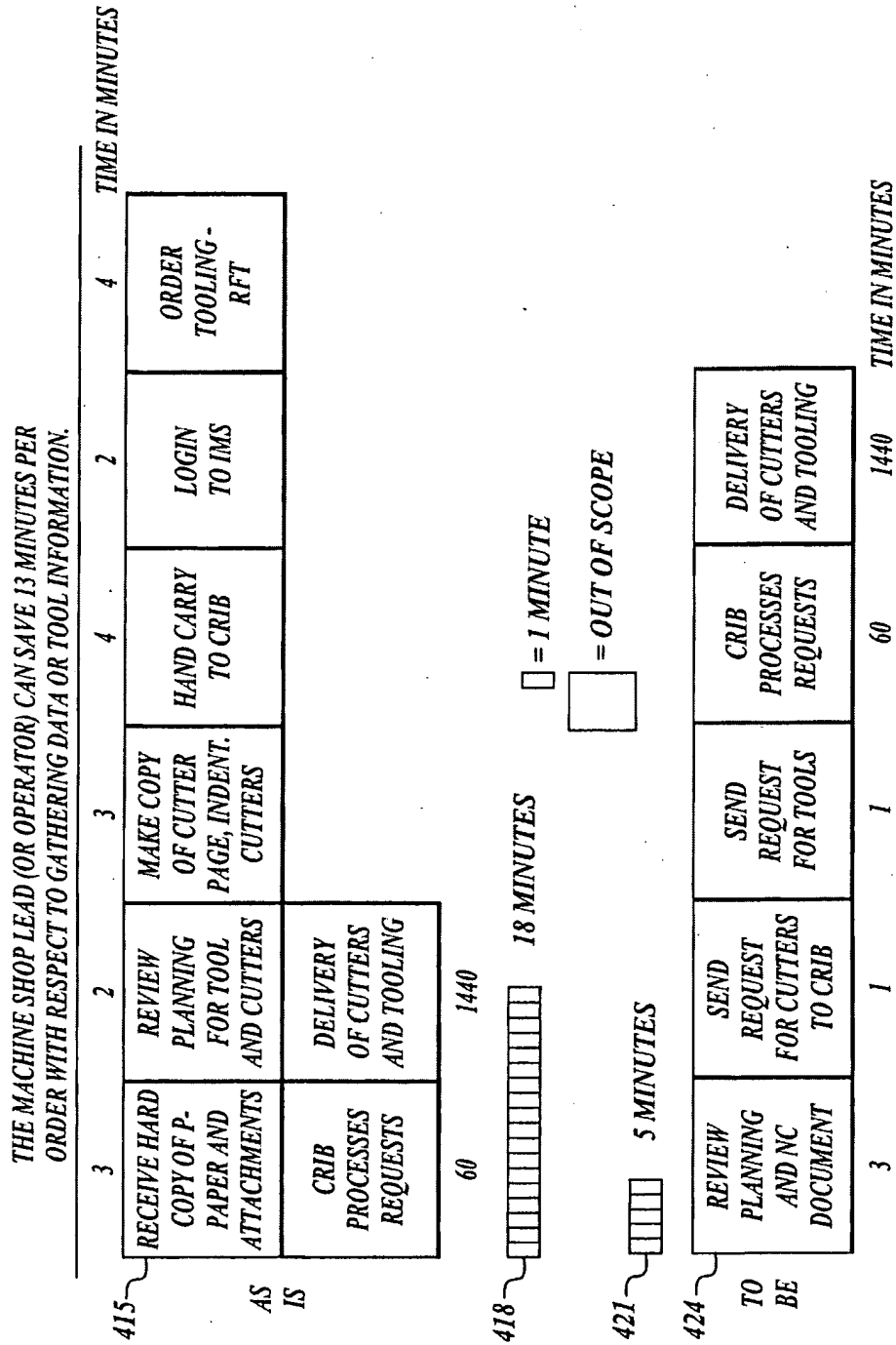
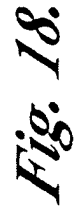


Fig. 17.

**TIME IN MINUTES**

11



*Fig. 18.*

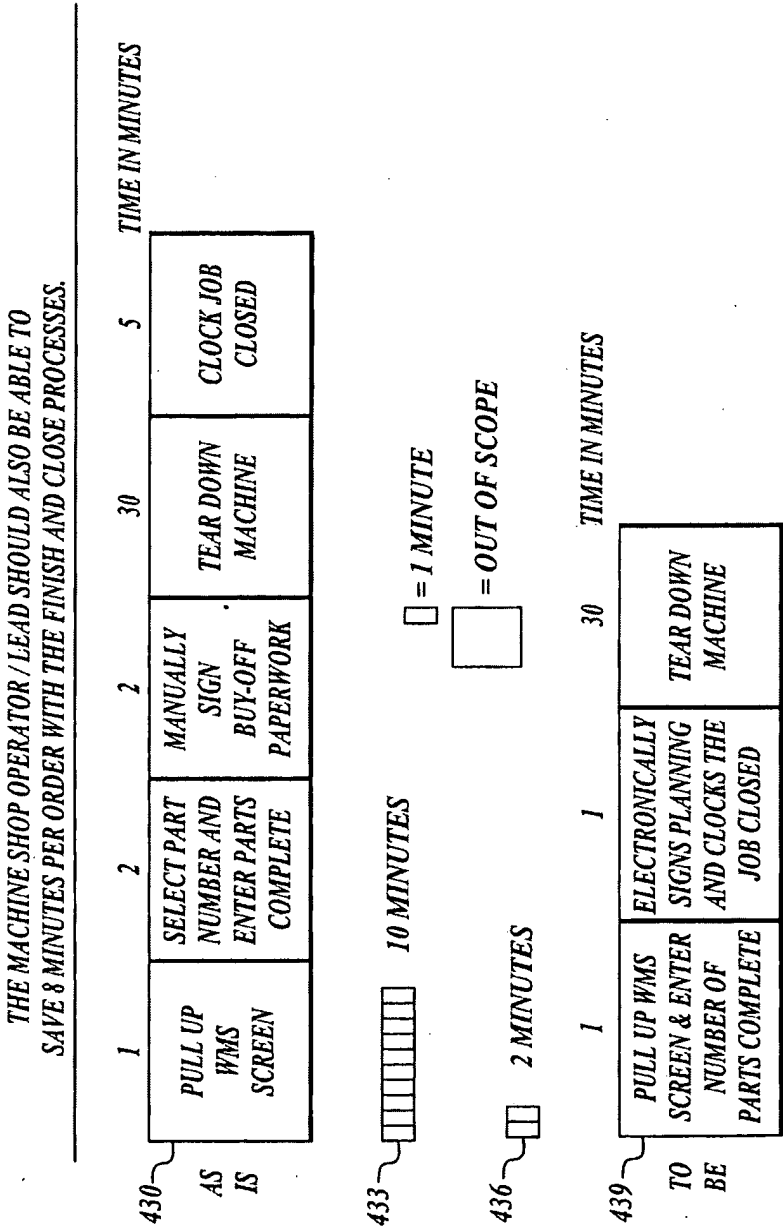


Fig. 19.

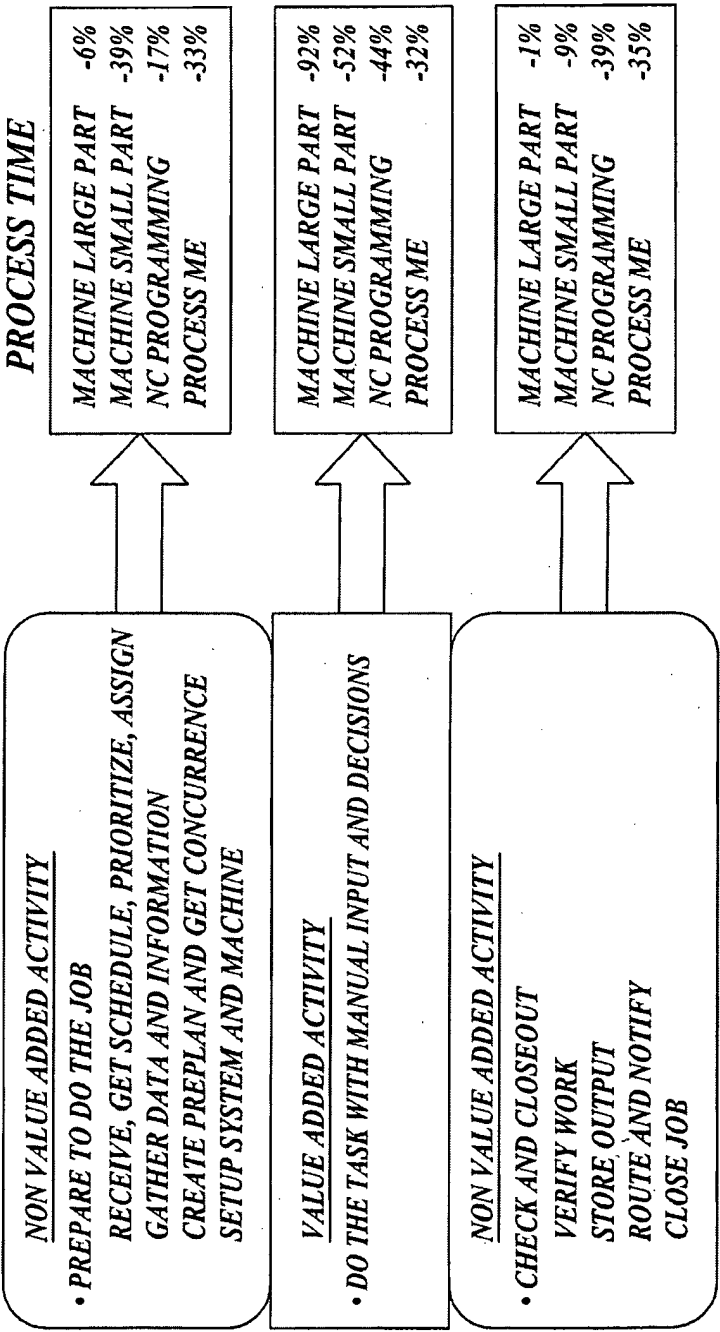
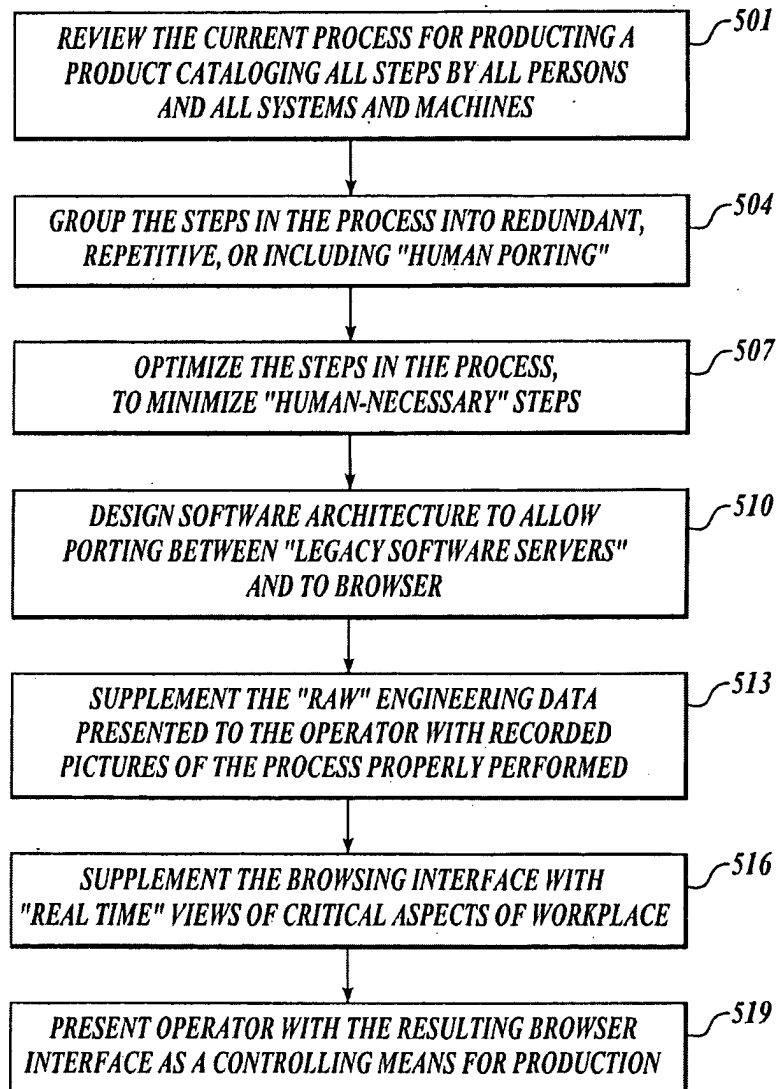


Fig. 20.

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*Fig. 21.*